



COFC

PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/711,356	
	Filing Date	9/13/2004	
	First Named Inventor	Ruei-Chuan Chang	
	Art Unit	2115	
	Examiner Name	BAE, JI H	
Total Number of Pages in This Submission	9	Attorney Docket Number	ACIP0019USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1. A copy of the Front Page of Patent.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	2. A copy of Application Data Sheet submitted on 09/13/2004
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	3. A Copy of the filing receipt dated 10/13/2004
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks	4. A copy of priority data from PAIR
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Request for Certificate of Correction of Office Mistake	5. PTO/SB/44
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	North America Intellectual Property Corporation	
Signature	<i>Winston Hsu</i>	
Printed name	Winston Hsu	
Date	SEP 17 2007	Reg. No. 41,526

Certificate of Correction SEP 20 2007

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Signature	<i>Josefina Wang</i>
Typed or printed name	Josefina Wang
Date	SEP 17 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SEP 20 2007



PTO/SB/17 (05-07)
Approved for use through 05/31/2007. OMB 0651-0032
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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2007

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	10/711,356
Filing Date	09/13/2004
First Named Inventor	Ruei-Chuan Chang
Examiner Name	BAE, JI H
Art Unit	2115
Attorney Docket No.	ACIP0019USA

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 50-3105 Deposit Account Name: North America Intellectual Property Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Certificate of Correction

Fees Paid (\$)

0

SUBMITTED BY

Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent) 41,526	Telephone 3027291562
Name (Print/Type)	Winston Hsu	Date	SEP 17 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SEP 20 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,260,728 B2
APPLICATION NO.: 10/711356
ISSUE DATE : Aug. 21, 2007
INVENTOR(S) : Ruei-Chuan Chang et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (30), Foreign Application Priority Data,
the Foreign Application Priority Data should be supplemented to
--Dec. 05, 2003 (TW)..... 092134477 --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 20 2007



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : US 7,260,728 B2 Issue Date : Aug. 21, 2007
Serial No. : 10/711,356 Filing Date : Sep.13, 2004
Inventor : Ruei-Chuan Chang et al.
Docket No. : ACIP0019USA

Title: WINDOWS-BASED POWER MANAGEMENT METHOD AND RELATED PORTABLE
DEVICE

To: Commissioner for Patents
 P.O. BOX 1450
 Alexandria, VA 22313-1450

Subject: Request for Certificate of Correction of Office Mistake
Dir Sir:

The above-identified patent was issued on 08/21/2007. The applicant found that the Foreign Application Priority Data was missed on the front page of the patent (Attachment 1). Documents on record indicate this as an Office mistake of consequence.

The applicant submitted application data sheet and claimed for foreign priority on 09/13/2004 (Attachment 2). And both of the filing receipt (Attachment 3) and the Foreign Priority showed on the PAIR System (Attachment 4) indicate that the Foreign Priority was claimed successfully.

The applicant hereby requests that a Certificate of Correction be issued under 37 CFR 1.322 to supplement the Foreign Application Priority Data (Taiwan patent application no. 92134477 dated 12/05/2003). Your quick response will be greatly appreciated.

Respectfully submitted,

Winston Hsu

Date: SEP 17 2007

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

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Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)



US007260728B2

(12) **United States Patent**
Chang et al.

(10) **Patent No.:** US 7,260,728 B2
(45) **Date of Patent:** Aug. 21, 2007

(54) **WINDOWS-BASED POWER MANAGEMENT METHOD AND RELATED PORTABLE DEVICE**

(75) **Inventors:** Ruel-Chuan Chang, Taipei Hsien (TW); De-Jen Lu, Taipei Hsien (TW)

(73) **Assignee:** Acer Incorporated, Taipei (TW)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 310 days.

(21) **Appl. No.:** 10/711,356

(22) **Filed:** Sep. 13, 2004

(65) **Prior Publication Data**

US 2005/0125700 A1 Jun. 9, 2005

(51) **Int. Cl.**
G06F 1/00 (2006.01)

(52) **U.S. Cl.** 713/300; 713/310

(58) **Field of Classification Search** 713/300,
713/310

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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* cited by examiner

Primary Examiner—Chun Cao

Assistant Examiner—Ji H Bae

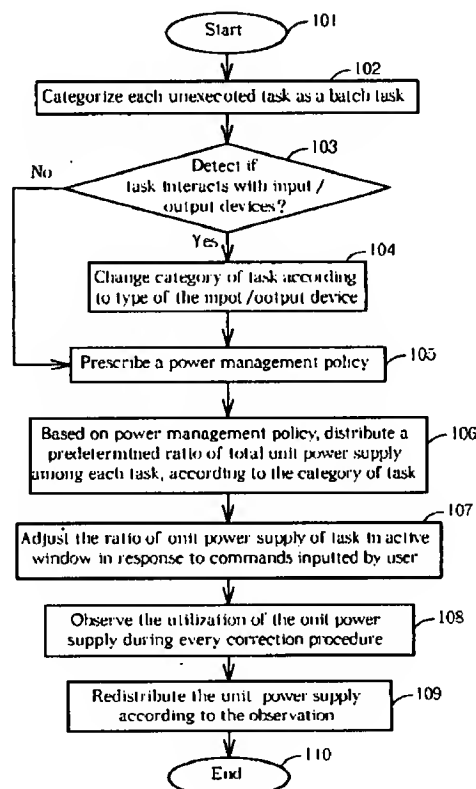
(74) *Attorney, Agent, or Firm*—Winston Hsu

(57) **ABSTRACT**

Disclosed is a windows-based power management method for optimally distributing power for various tasks in a portable device. The power management method includes the following steps: (a) categorizing each task to be executed by the portable device, (b) prescribing a power management policy, (c) distributing shares of a power supply unit among the tasks based on the category the tasks are associated therewith according to the power management policy, and (d) in response to the commands input by the user through a graphical user interface, increasing the share of the power supply unit provided for a task running within an active window of the portable device to accomplish an optimized distribution of power among tasks to be executed by the portable device.

22 Claims, 3 Drawing Sheets

NO " Foreign Application
Priority Data"




SEP 20 2007

Attachment 2

APPLICATION DATA SHEET

Electronic Version v14

Stylesheet Version v14.0

Title of Invention	WINDOWS-BASED POWER MANAGEMENT METHOD AND RELATED PORTABLE DEVICE		
Application Type :		regular, utility	
Attorney Docket Number :		ACIP0019USA	
Correspondence address:			
Customer Number:		027765	
Priority Data:			
Doc.No: 092134477; Country -TW ; Date: 2003-12-05 us-priority-claimed			
Inventors Information:			
<u>Inventor 1:</u>			
Applicant Authority Type:	Inventor		
Citizenship:	TW		
Given Name:	Ruei-Chuan		
Family Name:	Chang		
Residence:			
City of Residence:	Taipei Hsien		
Country of Residence:	TW		
Address-1 of Mailing Address:	8F, 88, Sec. 1, Hsin-Tai-Wu Rd., Hsi-Chih City		
Address-2 of Mailing Address:			
City of Mailing Address:	Taipei Hsien		
State of Mailing Address:			
Postal Code of Mailing Address:			
Country of Mailing Address:	TW		
Phone:			
Fax:			
E-mail:			
<u>Inventor 2:</u>			
Applicant Authority Type:	Inventor		
Citizenship:	TW		

SEP 20 2007

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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/711,356	09/13/2004	2115	806	ACIP0019USA	3	22	3

CONFIRMATION NO. 5355

027765

NAIPO (NORTH AMERICA INTERNATIONAL PATENT OFFICE)
P.O. BOX 506
MERRIFIELD, VA 22116

FILING RECEIPT



OC000000014071309

Date Mailed: 10/13/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Ruei-Chuan Chang, Taipei Hsien, TAIWAN;
De-Jen Lu, Taipei Hsien, TAIWAN;

Power of Attorney: The patent practitioners associated with Customer Number 027765.

Domestic Priority data as claimed by applicant

Foreign Applications

TAIWAN 092134477 12/05/2003



If Required, Foreign Filing License Granted: 10/13/2004

The number of your priority application, to be used for filing abroad under the Paris Convention is,
US10/711,356

Projected Publication Date: 06/09/2005

Non-Publication Request: No

Early Publication Request: No

SEP 20 2007

10/711,356	WINDOWS-BASED POWER MANAGEMENT METHOD AND RELATED PORTABLE DEVICE	08-30- 2007::22:46:19
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Foreign Priority

Country	Priority	Priority Date
TAIWAN	092134477	12-05-2003

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SEP 20 2007